Remarks

The present paper is submitted in reply to a final Office Action dated January 18, 2005. In the final Office Action, the Examiner rejected claims 1, 9-11, 15, 16, 24-26, 30-32, 34, 37, 92 and 93 under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-10 and 17 of U.S. Patent No. 6,732,936. In addition, the Examiner rejected claims 1 and 16 under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 and 11, respectively, of U.S. Patent No. 6,705,530. Moreover, the Examiner rejected claims 1, 9, 16, 24, 25, 31, 32, 34, 37 and 92-95 under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1, 8, 9, 16 and 24, respectively, of U.S. Patent No. 6,296,188. Finally, the Examiner rejected claims 1, 10, 11, 15, 16, 26 and 30 under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1, 7, 10, 11, 17 and 20, respectively, of U.S. Patent No. 6,290,137.

With respect to the rejection of the claims under the judicially created doctrine of obviousness-type double patenting as being unpatentable in view of U.S. Patent Nos. 6,732,936, 6,705,530, 6,296,188 and 6,290,137, Applicant respectfully submits that the attached terminal disclaimer overcomes the rejection thereto.

Applicant respectfully submits that the filing of the terminal disclaimer is to obviate the rejection based on the judicially created doctrine obviousness-type double patenting and is not an admission of the propriety of the rejection. *See Quad Environmental Technologies Corp. v. Union Sanitary District*, 946 F.2d 870, 20 USPQ2d 1392 (Fed. Cir. 1991). Applicant further respectfully submit that the "filing of a terminal disclaimer simply serves the statutory

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function of removing the rejection of double patenting, and raises neither a presumption nor

estoppel on the merits of the rejection." Id. at 874, 1394-95.

In view of the foregoing remarks and the attached terminal disclaimer, Applicant

respectfully submit that all of the claims in the application are in allowable form and that

the application is now in condition for allowance. Applicant further submit that neither

further search nor consideration would be necessitated by entry of this response.

Therefore, entry is proper and should be effected.

Respectfully submitted,

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